

REMARKS

Claims 1-7 stand rejected under 35 U.S.C § 103(a) as being unpatentable over Buskens, et al., (U.S. No. 5,905,871) (hereinafter Buskens), in view of well established teaching art; Claim 8 stands rejected under 35 U.S.C § 103(a) as being unpatentable over Buskens, and in view of Rothschild, et al., (U.S. No. 5,822,523) (hereinafter Rothschild); Claims 9-15 stand rejected under 35 U.S.C § 103(a) as being unpatentable over Buskens and Rothschild as applied to claim 8, and further in view of Rekhter (U.S. No. 5,917,820) (hereinafter Rekhter); and Claims 16-22 stand rejected under 35 U.S.C § 103(a) as being unpatentable over Buskens in view of well established teaching in art.

Claims 1-22 have been cancelled. New Claims 23-30 have been added. No new matter has been added.

Applicants respectfully submit that Claims 23-30 are allowable over the prior art of record, including Buskins. Buskins discloses a system for multicasting data in which a source node ("S" in Figure 1) concurrently transmits data to a plurality of receiver nodes ("R" in Figure 1) via a plurality of routers ("RT" in Figure 1). In addition, Buskins discloses one or more designated receivers ("DR" in Figure 1) which "processes status messages from Receivers R in its local region (or tree) and retransmits lost packets to the Receiver R. Each Designated Receiver DR reports the status of its Receivers R to another higher level Designated Receiver DR or to the Sender S." (Column 3, lines 9-13). Both the Sender and the Designated Receiver in Buskins may be programmed with a retry timer period (T_{retx} shown in Figure 2).


However, neither Buskins, nor any of the other cited prior art discloses or suggests a transaction control scheme wherein intermediate nodes located relatively further in succession from a source node have retry timers programmed with a relatively smaller retry time period than intermediate nodes located relatively closer in succession to the source node. Accordingly, Applicants respectfully submit that Claims 23-30 are allowable over the prior art of record.

CONCLUSION

Applicants submit that all pending claims are in condition for allowance. If there are any additional charges, please charge Deposit Account No. 02-2666. If a telephone interview would in any way expedite the prosecution of this application, the Examiner is invited to contact Thomas Webster at (408) 720-8300.

Respectfully submitted,
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